

SECTION 3

SCHEDULE

FOR

INDEPENDENT ASSURANCE SAMPLING

Schedule for Independent Assurance Sampling and Testing

Section 3

MATERIAL TYPE or TYPE OF CONSTRUCTION	TEST	MINIMUM FREQUENCY
Embankment including Common Fill	Field Density	1 per 100,000 yd ³
	Laboratory Density	1 per 100,000 yd ³
	Soil Classification	1 per 100,000 yd ³
Untreated Base Course	Sieve Analysis, L.L., P.I.	1 per 20,000 tons
	Field Density	1 per 20,000 tons
	Laboratory Density	1 per 20,000 tons
Hot Mix Asphalt	L.L., P.I. of Aggregate	As deemed appropriate
	Sieve Analysis Aggregate	1 per 10,000 tons
	AC % by Burnoff Oven	1 per 10,000 tons
	Field Density & Thickness	1 per 10,000 tons
	Lab Density (Rice)	1 per 10,000 tons
	Gyratory	1 per 10,000 tons

MATERIAL TYPE or TYPE OF CONSTRUCTION	TEST	MINIMUM FREQUENCY
Open Graded Surface Course	AC % by Burnoff Oven	1 per 4,000 tons
	Sieve Analysis	1 per 4,000 tons
	Thickness	As deemed appropriate
Portland Cement Concrete Pavement	Sieve Analysis Aggregate	1 per 10,000 yd ³
	Air & Slump	1 per 10,000 yd ³
	Flexural Strength	1 beam per 10,000 yd ³
	Thickness	1 per 50,000 yd ²
	Compressive Strength	1 per 50,000 yd ²
Portland Cement Concrete Structures	Sieve Analysis Aggregate	1 per 525 yd ³
	Air & Slump	1 per 525 yd ³
	Compressive Strength	1 set of 3 cyl. per 525 yd ³
Select Aggregate	Classification Sieve	
	Analysis	1 per soil type
	Field Density	1 per 52,000 yd ³
	Laboratory Density	1 per 52,000 yd ³

3-2

MATERIAL TYPE or TYPE OF CONSTRUCTION	TEST	MINIMUM FREQUENCY
Chip Seal Coat	Sieve Analysis	1 per 5,000 tons.
Lean Concrete Base Course	Sieve Analysis, L.L., P.I.	1 per 10,000 yd ³
	Slump & Air Content	1 per 10,000 yd ³
	Thickness	1 per 50,000 yd ²

NOTE:

Most IA samples and tests should consist of split samples. However, the Region Materials Engineer may choose to use independent companion (correlation) samples in some specific cases.

This schedule represents the minimum frequency of IA activities required for a project. The frequency of IA sampling and testing may be increased depending on the size and nature of the project; more samples will be required at the beginning of a project when low volumes of work are performed over long periods of time and when correlation is not being reasonably met.

Alteration to the number of IA samples and tests may also be made at the request of the FHWA.